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SF-1442 COVER SHEET

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REQUEST FOR QUOTATIONS – CDC OFFICE RENOVATIONS

A. PRICE

The Contractor shall complete all work, including furnishing all labor, material, equipment and services required under this purchase order for the following firm fixed price and within the time specified. This price shall include all labor, materials, all insurances, overhead and profit.

Total Price (including all labor, materials, overhead and profit)	
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A.1 VALUE ADDED TAX

VALUE ADDED TAX (VAT). The Contractor shall include VAT as a separate charge on the Invoice and as a separate line item in Section B.

B. SCOPE OF WORK

The character and scope of the work are set forth in the contract. The Contractor shall furnish and install all materials required by this contract.

In case of differences between small and large-scale drawings, the latter will govern. Where a portion of the work is drawn in detail and the remainder of the work is indicated in outline, the parts drawn in detail shall apply also to all other portions of the work.

B. PACKAGING AND MARKING

Not applicable

D. INSPECTION AND ACCEPTANCE

The COR, or his/her authorized representatives, will inspect from time to time the services being performed and the supplies furnished to determine whether work is being performed in a satisfactory manner, and that all supplies are of acceptable quality and standards.

The Contractor shall be responsible for any countermeasures or corrective action, within the scope of this contract, which may be required by the Contracting Officer as a result of such inspection.

D.1 SUBSTANTIAL COMPLETION

(a) "*Substantial Completion*" means the stage in the progress of the work as determined and certified by the Contracting Officer in writing to the Contractor, on which the work (or a portion designated by the Government) is sufficiently complete and satisfactory. Substantial completion means that the property may be occupied or used for the purpose for which it is intended, and only minor items such as touch-up, adjustments, and minor replacements or installations remain to be completed or corrected which:

- (1) do not interfere with the intended occupancy or utilization of the work, and
- (2) can be completed or corrected within the time period required for final completion.

(b) The "date of substantial completion" means the date determined by the Contracting Officer or authorized Government representative as of which substantial completion of the work has been achieved.

Use and Possession upon Substantial Completion - The Government shall have the right to take possession of and use the work upon substantial completion. Upon notice by the Contractor that the work is substantially complete (a Request for Substantial Completion) and an inspection by the Contracting Officer or an authorized Government representative (including any required tests), the Contracting Officer shall furnish the Contractor a Certificate of Substantial Completion. The certificate will be accompanied by a Schedule of Defects listing items of work remaining to be performed, completed or corrected before final completion and acceptance. Failure of the Contracting Officer to list any item of work shall not relieve the Contractor of responsibility for complying with the terms of the contract. The Government's possession or use upon substantial completion shall not be deemed an acceptance of any work under the contract.

D.2 FINAL COMPLETION AND ACCEPTANCE

D.2.1 "Final completion and acceptance" means the stage in the progress of the work as determined by the Contracting Officer and confirmed in writing to the Contractor, at which all work required under the contract has been completed in a satisfactory manner, subject to the discovery of defects after final completion, and except for items specifically excluded in the notice of final acceptance.

D.2.2 The "*date of final completion and acceptance*" means the date determined by the Contracting Officer when final completion of the work has been achieved, as indicated by written notice to the Contractor.

D.2.3 FINAL INSPECTION AND TESTS. The Contractor shall give the Contracting Officer at least five (5) days advance written notice of the date when the work will be fully completed and ready for final inspection and tests. Final inspection and tests will be started not later than the date specified in the notice unless the Contracting Officer determines that the work is not ready for final inspection and so informs the Contractor.

D.2.4 FINAL ACCEPTANCE. If the Contracting Officer is satisfied that the work under the contract is complete (with the exception of continuing obligations), the Contracting Officer shall issue to the Contractor a notice of final acceptance and make final payment upon:

- Satisfactory completion of all required tests,
- A final inspection that all items by the Contracting Officer listed in the Schedule of Defects have been completed or corrected and that the work is finally complete (subject to the discovery of defects after final completion), and
- Submittal by the Contractor of all documents and other items required upon completion of the work, including a final request for payment (Request for Final Acceptance).

E. DELIVERIES OR PERFORMANCE

52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to:

- (a) commence work under this contract within **10** calendar days after the date the Contractor receives the notice to proceed,
- (b) prosecute the work diligently, and,
- (c) complete the entire work ready for use not later than **60 days**

The time stated for completion shall include final cleanup of the premises.

52.211-12 LIQUIDATED DAMAGES - CONSTRUCTION (SEPT 2000)

(a) If the Contractor fails to complete the work within the time specified in the contract, or any extension, the Contractor shall pay liquidated damages to the Government in the amount of **MWK 373,500 (\$500USD) - GSO to confirm** for each calendar day of delay until the work is completed or accepted.

(b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Default clause.

CONTRACTOR'S SUBMISSION OF CONSTRUCTION SCHEDULES

(a) The time for submission of the schedules referenced in FAR 52.236-15, "Schedules for Construction Contracts", paragraph (a), is hereby modified to reflect the due date for submission as "**5 calendar days** after receipt of an executed contract".

(b) These schedules shall include the time by which shop drawings, product data, samples and other submittals required by the contract will be submitted for approval.

(c) The Contractor shall revise such schedules (1) to account for the actual progress of the work, (2) to reflect approved adjustments in the performance schedule, and (3) as required by the Contracting Officer to achieve coordination with work by the Government and any separate contractors used by the Government. The Contractor shall submit a schedule, which sequences work so as to minimize disruption at the job site.

(d) All deliverables shall be in the English language and any system of dimensions (English or metric) shown shall be consistent with that used in the contract. No extension of time shall be allowed due to delay by the Government in approving such deliverables if the Contractor has failed to act promptly and responsively in submitting its deliverables. The Contractor shall identify each deliverable as required by the contract.

(e) Acceptance of Schedule: When the Government has accepted any time schedule; it shall be binding upon the Contractor. The completion date is fixed and may be extended only by a written contract modification signed by the Contracting Officer. Acceptance or approval of any schedule or revision thereof by the Government shall not:

- (1) Extend the completion date or obligate the Government to do so,
- (2) Constitute acceptance or approval of any delay, or
- (3) Excuse the Contractor from or relieve the Contractor of its obligation to maintain the progress of the work and achieve final completion by the established completion date.

NOTICE OF DELAY

If the Contractor receives a notice of any change in the work, or if any other conditions arise which are likely to cause or are actually causing delays which the Contractor believes may result in late completion of the project, the Contractor shall notify the Contracting Officer. The Contractor's notice shall state the effect, if any, of such change or other conditions upon the approved schedule, and shall state in what respects, if any, the relevant schedule or the completion date should be revised. The Contractor shall give such notice promptly, not more than ten (10) days after the first event giving rise to the delay or prospective delay. Only the Contracting Officer may make revisions to the approved time schedule.

NOTICE TO PROCEED

(a) After receiving and accepting any bonds or evidence of insurance, the Contracting Officer will provide the Contractor a Notice to Proceed. The Contractor must then prosecute the work, commencing and completing performance not later than the time period established in the contract.

(b) It is possible that the Contracting Officer may elect to issue the Notice to Proceed before receipt and acceptance of any bonds or evidence of insurance. Issuance of a Notice to Proceed by the Government before receipt of the required bonds or insurance certificates or policies shall not be a waiver of the requirement to furnish these documents.

WORKING HOURS

All work shall be performed during **Mondays to Thursday from 07:30 hours to 17:00 hours and Friday from 07:30 hours to 12:30 hours**. Other hours, if requested by the Contractor, may be approved by the Contracting Officer's Representative (COR). The Contractor shall give 24 hours in advance to COR who will consider any deviation from the hours identified above. Changes in work hours, initiated by the Contractor, will not be a cause for a price increase.

PRECONSTRUCTION CONFERENCE

A preconstruction conference will be held 10 days after contract award at **Nico House, City Centre, Plot # 19/24, Lilongwe, Malawi** to discuss the schedule, submittals, notice to proceed, mobilization and other important issues that effect construction progress. See FAR 52.236-26, Preconstruction Conference.

DELIVERABLES - The following items shall be delivered under this contract:			
<u>Description</u>	<u>Quantity</u>	<u>Deliver Date</u>	<u>Deliver To</u>
Section G. Securities/Insurance	1	10 days after award	CO
Section E. Construction Schedule	1	10 days after award	COR
Section E. Preconstruction Conference	1	10 days after award	COR
Section G. Personnel Biographies	1	10 days after award	COR
Section F. First Payment Request	1	After successful delivery and inspection of materials	COR
Section D. Request for Substantial Completion	1	15 days before inspection	COR
Section D. Request for Final Acceptance	1	5 days before inspection	COR
Section F. Second Payment Request	1	After 50% successful completion of work	COR
Section F. Third Payment Request	1	After 100% successful completion of work with 10% retention	COR

- F. ADMINISTRATIVE DATA

652.242-70 CONTRACTING OFFICER'S REPRESENTATIVE (COR) (AUG 1999)

(a) The Contracting Officer may designate in writing one or more Government employees, by name or position title, to take action for the Contracting Officer under this contract. Each designee shall be identified as a Contracting Officer's Representative (COR). Such designation(s) shall specify the scope and limitations of the authority so delegated; provided, that the designee shall not change the terms or conditions of the contract, unless the COR is a warranted Contracting Officer and this authority is delegated in the designation.

(b) The COR for this contract is **Deborah Conner**

Payment: The Contractor's attention is directed to Section H, 52.232-5, "Payments Under Fixed-Price Construction Contracts". The following elaborates on the information contained in that clause.

Requests for payment, may be made no more frequently than monthly. Payment requests shall cover the value of labor and materials completed and in place, including a prorated portion of overhead and profit.

After receipt of the Contractor's request for payment, and on the basis of an inspection of the work, the Contracting Officer shall make a determination as to the amount, which is then due. If the Contracting Officer does not approve payment of the full amount applied for, less the retainage allowed by in 52.232-5, the Contracting Officer shall advise the Contractor as to the reasons.

Under the authority of 52.232-27(a), the 14 day period identified in FAR 52.232-27(a)(1)(i)(A) is hereby changed to 30 days.

US Embassy Lilongwe
Att : Financial Management Office (FMO)
Area 40, Plot # 24

The Contractor shall show Value Added Tax (VAT) as a separate item on invoices submitted for payment.

G. SPECIAL REQUIREMENTS

G.2.0 INSURANCE - The Contractor is required by FAR 52.228-5, "Insurance - Work on a Government Installation" to provide whatever insurance is legally necessary. The Contractor shall at its own expense provide and maintain during the entire performance period the following insurance amounts:

G.2.1 GENERAL LIABILITY (includes premises/operations, collapse hazard, products, completed operations, contractual, independent contractors, broad form property damage, personal injury) :

(1) BODILY INJURY, ON OR OFF THE SITE, IN U.S. DOLLARS	
Per Occurrence	Two hundred and fifty thousand dollars. (\$250,000)
Cumulative	Five hundred thousand dollars (\$500,000.00)
(2) PROPERTY DAMAGE, ON OR OFF THE SITE, IN U.S. DOLLARS	
Per Occurrence	Two hundred and fifty thousand dollars.(\$250,000)
Cumulative	Five hundred thousand dollars (\$500,000.00)

G.2.2 The foregoing types and amounts of insurance are the minimums required. The Contractor shall obtain any other types of insurance required by local law or that are ordinarily or customarily obtained in the location of the work. The limit of such insurance shall be as provided by law or sufficient to meet normal and customary claims.

G.2.3 The Contractor agrees that the Government shall not be responsible for personal injuries or for damages to any property of the Contractor, its officers, agents, servants, and employees, or any other person, arising from and incident to the Contractor's performance of this contract. The Contractor shall hold harmless and indemnify the Government from any and all claims arising therefrom, except in the instance of gross negligence on the part of the Government.

G.2.4 The Contractor shall obtain adequate insurance for damage to, or theft of, materials and equipment in insurance coverage for loose transit to the site or in storage on or off the site.

G.2.5 The general liability policy required of the Contractor shall name "the United States of America, acting by and through the Department of State", as an additional insured with respect to operations performed under this contract.

G.3.0 DOCUMENT DESCRIPTIONS

G.3.1 SUPPLEMENTAL DOCUMENTS: The Contracting Officer shall furnish from time to time such detailed drawings and other information as is considered necessary, in the

opinion of the Contracting Officer, to interpret, clarify, supplement, or correct inconsistencies, errors or omissions in the Contract documents, or to describe minor changes in the work not involving an increase in the contract price or extension of the contract time. The Contractor shall comply with the requirements of the supplemental documents, and unless prompt objection is made by the Contractor within 20 days, their issuance shall not provide for any claim for an increase in the Contract price or an extension of contract time.

G.3.1.1. RECORD DOCUMENTS. The Contractor shall maintain at the project site:

- (1) a current marked set of Contract drawings and specifications indicating all interpretations and clarification, contract modifications, change orders, or any other departure from the contract requirements approved by the Contracting Officer; and,
- (2) a complete set of record shop drawings, product data, samples and other submittals as approved by the Contracting Officer.

G.3.1.2. "As-Built" Documents: After final completion of the work, but before final acceptance thereof, the Contractor shall provide:

- (1) a complete set of "as-built" drawings, based upon the record set of drawings, marked to show the details of construction as actually accomplished; and,
- (2) record shop drawings and other submittals, in the number and form as required by the specifications.

G.4.0 LAWS AND REGULATIONS - The Contractor shall, without additional expense to the Government, be responsible for complying with all laws, codes, ordinances, and regulations applicable to the performance of the work, including those of the host country, and with the lawful orders of any governmental authority having jurisdiction. Host country authorities may not enter the construction site without the permission of the Contracting Officer. Unless otherwise directed by the Contracting Officer, the Contractor shall comply with the more stringent of the requirements of such laws, regulations and orders and of the contract. In the event of a conflict between the contract and such laws, regulations and orders, the Contractor shall promptly advise the Contracting Officer of the conflict and of the Contractor's proposed course of action for resolution by the Contracting Officer.

G.4.1 The Contractor shall comply with all local labor laws, regulations, customs and practices pertaining to labor, safety, and similar matters, to the extent that such compliance is not inconsistent with the requirements of this contract.

G.4.2 The Contractor shall give written assurance to the Contracting Officer that all subcontractors and others performing work on or for the project have obtained all requisite licenses and permits.

G.4.3 The Contractor shall submit proper documentation and evidence satisfactory to the Contracting Officer of compliance with this clause.

G.5.0 CONSTRUCTION PERSONNEL - The Contractor shall maintain discipline at the site and at all times take all reasonable precautions to prevent any unlawful, riotous, or disorderly conduct by or among those employed at the site. The Contractor shall ensure the preservation of peace and protection of persons and property in the neighborhood of the project against such action. The Contracting Officer may require, in writing that the Contractor remove from the work any employee that the Contracting Officer deems incompetent, careless, insubordinate or otherwise objectionable, or whose continued employment on the project is deemed by the Contracting Officer to be contrary to the Government's interests.

G.5.1 If the Contractor has knowledge that any actual or potential labor dispute is delaying or threatens to delay the timely performance of this contract, the Contractor shall immediately give notice, including all relevant information, to the Contracting Officer.

G.5.2 After award, the Contractor has ten calendar days to submit to the Contracting Officer a list of workers and supervisors assigned to this project for the Government to conduct all necessary security checks. It is anticipated that security checks will take **10 days** to perform. For each individual the list shall include:

Full Name
Place and Date of Birth
Current Address
Identification number

Failure to provide any of the above information may be considered grounds for rejection and/or resubmittal of the application. Once the Government has completed the security screening and approved the applicants a badge will be provided to the individual for access to the site. This badge may be revoked at any time due to the falsification of data, or misconduct on site.

G.5.3 The Contractor shall provide an English speaking supervisor on site at all times. This position is considered as key personnel under this purchase order.

G.6.0 Materials and Equipment - All materials and equipment incorporated into the work shall be new and for the purpose intended, unless otherwise specified. All workmanship shall be of good quality and performed in a skillful manner that will withstand inspection by the Contracting Officer.

G.7.0 SPECIAL WARRANTIES

G.7.1 Any special warranties that may be required under the contract shall be subject to the stipulations set forth in 52.246-21, "Warranty of Construction", as long as they are not in

conflict.

G.7.2 The Contractor shall obtain and furnish to the Government all information required to make any subcontractor's, manufacturer's, or supplier's guarantee or warranty legally binding and effective. The Contractor shall submit both the information and the guarantee or warranty to the Government in sufficient time to permit the Government to meet any time limit specified in the guarantee or warranty, but not later than completion and acceptance of all work under this contract.

G.8.0 EQUITABLE ADJUSTMENTS

Any circumstance for which the contract provides an equitable adjustment that causes a change within the meaning of paragraph (a) of the "Changes" clause shall be treated as a change under that clause; provided, that the Contractor gives the Contracting Officer prompt written notice (within 20 days) stating:

- (a) the date, circumstances, and applicable contract clause authorizing an equitable adjustment and
- (b) that the Contractor regards the event as a changed condition for which an equitable adjustment is allowed under the contract

The Contractor shall provide written notice of a differing site condition within 10 calendar days of occurrence following FAR 52.236-2, Differing Site Conditions.

G.9.0 ZONING APPROVALS AND PERMITS

The Government shall be responsible for:

- obtaining proper zoning or other land use control approval for the project
- obtaining the approval of the Contracting Drawings and Specifications
- paying fees due for the foregoing; and,
- for obtaining and paying for the initial building permits.

H. CLAUSES

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): <http://www.acquisition.gov/far/> or <http://farsite.hill.af.mil/vffara.htm>. Please note these addresses are subject to change.

If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Department of State Acquisition website at <http://www.statebuy.state.gov/> to access links to the FAR. You may also use an internet “search engine” (for example, Google, Yahoo, Excite) to obtain the latest location of the most current FAR.

The following Federal Acquisition Regulation clause(s) is/are incorporated by reference (48 CFR CH. 1):

<u>CLAUSE</u>	<u>TITLE AND DATE</u>
52.202-1	DEFINITIONS (NOV 2013)
52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS (OCT 2015)
52.204-12	DATA UNIVERSAL NUMBERING SYSTEM NUMBER MAINTENANCE (DEC 2012)
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (JULY 2013)
52.204-19	INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS (DEC 2014)
52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED OR PROPOSED FOR DEBARMENT (OCT 2015)
52.209-9	UPDATES OF INFORMATION REGARDING RESPONSIBILITY MATTERS (JULY 2013)
52.213-4	TERMS AND CONDITIONS –SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (JUN 2016)
52.216-7	ALLOWABLE COST AND PAYMENT (JUN 2013)

52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (FEB 1997)
52.222-19	CHILD LABOR – COOPERATION WITH AUTHORITIES AND REMEDIES (FEB 2016)
52.228-4	WORKERS’ COMPENSATION AND WAR-HAZARD INSURANCE OVERSEAS (APR 1984)
52.228-5	INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997)
52.228-11	PLEDGES OF ASSETS (JAN 2012)
52.228-13	ALTERNATIVE PAYMENT PROTECTION (JULY 2000)
52.228-14	IRREVOCABLE LETTER OF CREDIT (NOV 2014)
52.229-6	TAXES - FOREIGN FIXED-PRICE CONTRACTS (FEB 2013)
52.229-7	TAXES- FIXED PRICE CONTRACTS WITH FOREIGN GOVERNMENTS (FEB 2013)
52.232-5	PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS (MAY 2014)
52.232-8	DISCOUNTS FOR PROMPT PAYMENT (FEB 2002)
52.232-11	EXTRAS (APR 1984)
52.232-18	AVAILABILITY OF FUNDS (APR 1984)
52.232-22	LIMITATION OF FUNDS (APR 1984)
52.232-25	PROMPT PAYMENT (JULY 2013)
52.232-27	PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS (MAY 2014)
52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER - SYSTEM FOR AWARD MANAGEMENT (JULY 2013)
52.232-34	PAYMENT BY ELECTRONIC FUNDS TRANSFER – OTHER THAN SYSTEM FOR AWARD MANAGEMENT (JULY 2013)
52.233-1	DISPUTES (MAY 2014) <i>Alternate I (DEC 1991)</i>

52.233-3	PROTEST AFTER AWARD (AUG 1996)
52.236-2	DIFFERING SITE CONDITIONS (APR 1984)
52.236-3	SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK (APR 1984)
52.236-5	MATERIAL AND WORKMANSHIP (APR 1984)
52.236-6	SUPERINTENDENCE BY THE CONTRACTOR (APR 1984)
52.236-7	PERMITS AND RESPONSIBILITIES (NOV 1991)
52.236-8	OTHER CONTRACTS (APR 1984)
52.236-9	PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS (APR 1984)
52.236-10	OPERATIONS AND STORAGE AREAS (APR 1984)
52.236-11	USE AND POSSESSION PRIOR TO COMPLETION (APR 1984)
52.236-12	CLEANING UP (APR 1984)
52.236-14	AVAILABILITY AND USE OF UTILITY SERVICES (APR 1984)
52.236-15	SCHEDULES FOR CONSTRUCTION CONTRACTS (APR 1984)
52.236-21	SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (FEB 1997)
52.236-26	PRECONSTRUCTION CONFERENCE (FEB 1995)
52.242-14	SUSPENSION OF WORK (APR 1984)
52.243-4	CHANGES (JUN 2007)
52.243-5	CHANGES AND CHANGED CONDITIONS (APR 1984)
52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS (FEB 2016)
52.245-2	GOVERNMENT PROPERTY INSTALLATION OPERATION SERVICES (APR 2012)
52.245-9	USE AND CHARGES (APR 2012)
52.246-12	INSPECTION OF CONSTRUCTION (AUG 1996)

- 52.246-17 WARRANTY OF SUPPLIES OF A NONCOMPLEX NATURE (JUN 2003)
- 52.246-21 WARRANTY OF CONSTRUCTION (MAR 1994)
- 52.249-2 TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (APR 2012) *Alternate I (SEPT 1996)*
- 52.249-10 DEFAULT (FIXED-PRICE CONSTRUCTION) (APR 1984)
- 52.249-14 EXCUSABLE DELAYS (APR 1984)

The following Department of State Acquisition Regulation (DOSAR) clause(s) is/are set forth in full text:

652.204-70 DEPARTMENT OF STATE PERSONAL IDENTIFICATION CARD
ISSUANCE PROCEDURES (MAY 2011)

(a) The Contractor shall comply with the Department of State (DOS) Personal Identification Card Issuance Procedures for all employees performing under this contract who require frequent and continuing access to DOS facilities, or information systems. The Contractor shall insert this clause in all subcontracts when the subcontractor's employees will require frequent and continuing access to DOS facilities, or information systems.

(b) The DOS Personal Identification Card Issuance Procedures may be accessed at <http://www.state.gov/m/ds/rls/rpt/c21664.htm> .

(End of clause)

652.229-71 PERSONAL PROPERTY DISPOSITION AT POSTS ABROAD (AUG 1999)

Regulations at 22 CFR Part 136 require that U.S. Government employees and their families do not profit personally from sales or other transactions with persons who are not themselves entitled to exemption from import restrictions, duties, or taxes. Should the Contractor experience importation or tax privileges in a foreign country because of its contractual relationship to the United States Government, the Contractor shall observe the requirements of 22 CFR Part 136 and all policies, rules, and procedures issued by the chief of mission in that foreign country.

(End of clause)

CONTRACTOR IDENTIFICATION (JULY 2008)

Contract performance may require contractor personnel to attend meetings with government personnel and the public, work within government offices, and/or utilize government email.

Contractor personnel must take the following actions to identify themselves as non-federal employees:

- 1) Use an e-mail signature block that shows name, the office being supported and company affiliation (e.g. "John Smith, Office of Human Resources, ACME Corporation Support Contractor");
- 2) Clearly identify themselves and their contractor affiliation in meetings;
- 3) Identify their contractor affiliation in Departmental e-mail and phone listings whenever contractor personnel are included in those listings; and
- 4) Contractor personnel may not utilize Department of State logos or indicia on business cards.

(End of clause)

652.236-70 ACCIDENT PREVENTION (APR 2004)

(a) *General.* The Contractor shall provide and maintain work environments and procedures which will safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to contractor operations and activities; avoid interruptions of Government operations and delays in project completion dates; and, control costs in the performance of this contract. For these purposes, the Contractor shall:

- (1) Provide appropriate safety barricades, signs and signal lights;
- (2) Comply with the standards issued by any local government authority having jurisdiction over occupational health and safety issues; and,
- (3) Ensure that any additional measures the Contracting Officer determines to be reasonably necessary for this purpose are taken.
- (4) For overseas construction projects, the Contracting Officer shall specify in writing additional requirements regarding safety if the work involves:
 - (i) Scaffolding;
 - (ii) Work at heights above two (2) meters;
 - (iii) Trenching or other excavation greater than one (1) meter in depth;
 - (iv) Earth moving equipment;
 - (v) Temporary wiring, use of portable electric tools, or other recognized electrical hazards. Temporary wiring and portable electric tools require the use of a ground fault circuit interrupter (GFCI) in the affected circuits; other electrical hazards may also require the use of a GFCI;
 - (vi) Work in confined spaces (limited exits, potential for oxygen less than 19.5 percent or combustible atmosphere, potential for solid or liquid engulfment, or other hazards considered to be immediately dangerous to life or health such as water tanks, transformer vaults, sewers, cisterns, etc.);
 - (vii) Hazardous materials – a material with a physical or health hazard including but not limited to, flammable, explosive, corrosive, toxic, reactive or unstable, or any operations which creates any kind of contamination inside an occupied building such as dust from demolition activities, paints, solvents, etc.; or
 - (viii) Hazardous noise levels.

(b) *Records.* The Contractor shall maintain an accurate record of exposure data on all accidents incident to work performed under this contract resulting in death, traumatic injury,

occupational disease, or damage to or theft of property, materials, supplies, or equipment. The Contractor shall report this data in the manner prescribed by the Contracting Officer.

(c) *Subcontracts*. The Contractor shall be responsible for its subcontractors' compliance with this clause.

(d) *Written program*. Before commencing work, the Contractor shall:

(1) Submit a written plan to the Contracting Officer for implementing this clause. The plan shall include specific management or technical procedures for effectively controlling hazards associated with the project; and,

(2) Meet with the Contracting Officer to discuss and develop a mutual understanding relative to administration of the overall safety program.

(e) *Notification*. The Contracting Officer shall notify the Contractor of any non-compliance with these requirements and the corrective actions required. This notice, when delivered to the Contractor or the Contractor's representative on site, shall be deemed sufficient notice of the non-compliance and corrective action required. After receiving the notice, the Contractor shall immediately take corrective action. If the Contractor fails or refuses to promptly take corrective action, the Contracting Officer may issue an order suspending all or part of the work until satisfactory corrective action has been taken. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any suspension of work order issued under this clause.

(End of clause)

652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The Contractor warrants the following:

(1) That it has obtained authorization to operate and do business in the country or countries in which this contract will be performed;

(2) That it has obtained all necessary licenses and permits required to perform this contract; and,

(3) That it shall comply fully with all laws, decrees, labor standards, and regulations of said country or countries during the performance of this contract.

(b) If the party actually performing the work will be a subcontractor or joint venture partner, then such subcontractor or joint venture partner agrees to the requirements of paragraph (a) of this clause.

(End of clause)

652.243-70 NOTICES (AUG 1999)

Any notice or request relating to this contract given by either party to the other shall be in writing. Said notice or request shall be mailed or delivered by hand to the other party at the address provided in the schedule of the contract. All modifications to the contract must be made in writing by the Contracting Officer.

(End of clause)

I. LIST OF ATTACHMENTS

ATTACHMENT NUMBER	DESCRIPTION OF ATTACHMENT
Attachment 1	Breakdown of Price by Divisions of Specifications
Attachment 2	Drawings
Attachment 3	Specifications

J. QUOTATION INFORMATION

A. QUALIFICATIONS OF OFFERORS

Offerors/quoters must be technically qualified and financially responsible to perform the work described in this solicitation. At a minimum, each Offeror/Quoter must meet the following requirements:

- (1) Be able to understand written and spoken English;
- (2) Have an established business with a permanent address and telephone listing;
- (3) Be able to demonstrate prior construction experience with suitable references;
- (4) Have the necessary personnel, equipment and financial resources available to perform the work;
- (5) Have all licenses and permits required by local law;
- (6) Meet all local insurance requirements;
- (7) Have the ability to obtain or to post adequate performance security, such as bonds, irrevocable letters of credit or guarantees issued by a reputable financial institution;
- (8) Have no adverse criminal record; and
- (9) Have no political or business affiliation which could be considered contrary to the interests of the United States.

B. SUBMISSION OF QUOTATIONS

This solicitation is for the performance of the construction services described in SCOPE OF WORK, and the Attachments which are a part of this request for quotation.

Each quotation must consist of the following:		
VOLUME	TITLE	NUMBER OF COPIES*
I	Standard Form 18 including a completed Attachment 1, "BREAKDOWN OF PROPOSAL PRICE BY DIVISIONS OF SPECIFICATIONS	2
II	Performance schedule in the form of a "bar chart" and Business Management/Technical Proposal	2

Submit the complete quotation to the address indicated. If mailed, on Standard Form 18, or if hand-delivered, use the address set forth below:

US Embassy
Kenyata Road, Area 40, Plot # 24
Lilongwe, Malawi

The Offeror/Quoter shall identify and explain/justify any deviations, exceptions, or conditional assumptions taken with respect to any of the instructions or requirements of this request for quotation in the appropriate volume of the offer.

Volume II: Performance schedule and Business Management/Technical Proposal.

(a) Present the performance schedule in the form of a "bar chart" indicating when the various portions of the work will be commenced and completed within the required schedule. This bar chart shall be in sufficient detail to clearly show each segregable portion of work and its planned commencement and completion date.

(b) The Business Management/Technical Proposal shall be in two parts, including the following information:

Proposed Work Information - Provide the following:

- (1) A list of the names, addresses and telephone numbers of the owners, partners, and principal officers of the Offeror;
- (2) The name and address of the Offeror's field superintendent for this project;
- (3) A list of the names, addresses, and telephone numbers of subcontractors and principal materials suppliers to be used on the project, indicating what portions of the work will be performed by them; and,

Experience and Past Performance - List all contracts and subcontracts your company has held over the past three years for the same or similar work. Provide the following information for each contract and subcontract:

- (1) Customer's name, address, and telephone numbers of customer's lead contract and technical personnel;
- (2) Contract number and type;
- (3) Date of the contract award place(s) of performance, and completion dates; Contract dollar value;
- (4) Brief description of the work, including responsibilities; and
- (5) Any litigation currently in process or occurring within last 5 years.

C. 52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995)

(a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

(b) A site visit has been scheduled for **September 15, 2016**

(c) Participants will meet at **Nico House, City Centre, and Lilongwe**

D. MAGNITUDE OF CONSTRUCTION PROJECT

It is anticipated that the range in price of this contract will be: Between **\$100,000 and \$250,000**

E. LATE QUOTATIONS. Late quotations shall be handled in accordance with FAR.

F. 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates the following provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer.

Also, the full text of a solicitation provision may be accessed electronically at: <http://acquisition.gov/far/index.html>/ or <http://farsite.hill.af.mil/vffara.htm>. Please note these addresses are subject to change.

If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Department of State Acquisition website at <http://www.statebuy.state.gov> to access the link to the FAR, or use of an Internet "search engine" (for example, Google, Yahoo or Excite) is suggested to obtain the latest location of the most current FAR.

The following Federal Acquisition Regulation provisions are incorporated by reference (48 CFR CH. 1):

<u>PROVISION</u>	<u>TITLE AND DATE</u>
52.204-6	DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER (JULY 2013)
52.204-7	SYSTEM FOR AWARD MANAGEMENT (JULY 2013)
52.204-16	COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING (JUL 2015)

52.214-34

SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE
(APR 1991)

52.215-1

INSTRUCTIONS TO OFFERORS--COMPETITIVE
ACQUISITION (JAN 2004)

K. EVALUATION CRITERIA

Award will be made to the lowest priced, acceptable, responsible quoter. The Government reserves the right to reject quotations that are unreasonably low or high in price.

The Government will determine acceptability by assessing the offeror's compliance with the terms of the RFQ. The Government will determine responsibility by analyzing whether the apparent successful quoter complies with the requirements of FAR 9.1, including:

- ability to comply with the required performance period, taking into consideration all existing commercial and governmental business commitments;
- satisfactory record of integrity and business ethics;
- necessary organization, experience, and skills or the ability to obtain them;
- necessary equipment and facilities or the ability to obtain them; and
- otherwise, qualified and eligible to receive an award under applicable laws and regulations.

The following DOSAR is provided in full text:

652.209-79 REPRESENTATION BY CORPORATION REGARDING AN UNPAID DELINQUENT TAX LIABILITY OR A FELONY CRIMINAL CONVICTION UNDER ANY FEDERAL LAW (SEPT 2014) (DEVIATION per PIB 2014-21)

(a) In accordance with section 7073 of Division K of the Consolidated Appropriations Act, 2014 (Public Law 113-76) none of the funds made available by that Act may be used to enter into a contract with any corporation that –

(1) Was convicted of a felony criminal violation under any Federal law within the preceding 24 months, where the awarding agency has direct knowledge of the conviction, unless the agency has considered, in accordance with its procedures, that this further action is not necessary to protect the interests of the Government; or

(2) Has any unpaid Federal tax liability that has been assessed for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, where the awarding agency has direct knowledge of the unpaid tax liability, unless the Federal agency has considered, in accordance with its procedures, that this further action is not necessary to protect the interests of the Government.

For the purposes of section 7073, it is the Department of State's policy that no award may be made to any corporation covered by (1) or (2) above, unless the Procurement Executive has made a written determination that suspension or debarment is not necessary to protect the interests of the Government.

(b) Offeror represents that—

(1) It is ☐ is not ☐ a corporation that was convicted of a felony criminal violation under a Federal law within the preceding 24 months.

(2) It is ☐ is not ☐ a corporation that has any unpaid Federal tax liability that has been assessed for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

(End of provision)

SECTION L - REPRESENTATIONS, CERTIFICATIONS AND
OTHER STATEMENTS OF OFFERORS OR QUOTERS

L.1 52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(a) Definitions.

"Common parent", as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

"Taxpayer Identification Number (TIN)", as used in this provision, means the number required by the IRS to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

- (b) All offerors must submit the information required in paragraphs (d) through (f) of this provision in order to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325 (d), reporting requirements of 26 USC 6041, 6041A, and 6050M and implementing regulations issued by the Internal Revenue Service (IRS). If the resulting contract is subject to the reporting requirements described in FAR 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments
- (c) otherwise due under the contract.

- (d) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 USC 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(e) Taxpayer Identification Number (TIN).

TIN: _____

- ☐ TIN has been applied for.
- ☐ TIN is not required because:
 - ☐ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the U.S. and does not have an office or place of business or a fiscal paying agent in the U.S.;
 - ☐ Offeror is an agency or instrumentality of a foreign government;
 - ☐ Offeror is an agency or instrumentality of the Federal Government.

(e) Type of Organization.

- ☐ Sole Proprietorship;
- ☐ Partnership;
- ☐ Corporate Entity (not tax exempt);
- ☐ Corporate Entity (tax exempt);
- ☐ Government Entity (Federal, State or local);
- ☐ Foreign Government;

- ☐ International organization per 26 CFR 1.6049-4;
- ☐ Other _____.

(f) Common Parent.

- ☐ Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause.
- ☐ Name and TIN of common parent:
Name _____
TIN _____

(End of provision)

L.2 52.204-8 -- Annual Representations and Certifications. (Apr 2016)

(a)(1) The North American Industry classification System (NAICS) code for this acquisition is 236118, 236220, 237110, 237310, and 237990.

(2) The small business size standard is \$36.5M.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) (1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at 52.204-7 is not included in this solicitation, and the offeror is currently registered in the System for Award Management (SAM), and has completed the Representations and Certifications section of SAM electronically, the offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certification in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

☐ (i) Paragraph (d) applies.

☐ (ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c) (1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless—

(A) The acquisition is to be made under the simplified acquisition procedures in Part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$150,000.

(iii) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.

(iv) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that—

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(v) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations—Representation.

(vi) 52.209-5; Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(vii) 52.209-11, Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law. This provision applies to all solicitations.

(viii) 52.214-14, Place of Performance--Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(ix) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(x) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(xi) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.

(xii) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.

(xiii) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.

(xiv) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.

(xv) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.

(xvi) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA- designated items.

(xvii) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xviii) 52.225-4, Buy American--Free Trade Agreements--Israeli Trade Act Certificate. (Basic, Alternates I, II, and III.) This provision applies to solicitations containing the clause at 52.225- 3.

(A) If the acquisition value is less than \$25,000, the basic provision applies.

(B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.

(C) If the acquisition value is \$50,000 or more but is less than \$77,533, the provision with its Alternate II applies.

(D) If the acquisition value is \$79,507 or more but is less than \$100,000, the provision with its Alternate III applies.

(xix) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xx) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan--Certification. This provision applies to all solicitations.

(xxi) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran—Representation and Certification. This provision applies to all solicitations.

(xxii) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions.

(2) The following representations or certifications are applicable as indicated by the Contracting Officer:

[Contracting Officer check as appropriate.]

___ (i) 52.204-17, Ownership or Control of Offeror.

___ (ii) 52.204-20, Predecessor of Offeror.

___ (iii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

___ (iv) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Certification.

___ (v) 52.222-52 Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Certification.

___ (vi) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Alternate I only).

___ (vii) 52.227-6, Royalty Information.

___ (A) Basic.

___ (B) Alternate I.

___ (viii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The offeror has completed the annual representations and certifications electronically via the SAM Web site accessed through <https://www.acquisition.gov>. After reviewing the SAM database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [*offeror to insert changes, identifying change by clause number, title, date*]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause	Title	Date	Change

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on SAM.

(End of Provision)

L.3. 52.225-18 PLACE OF MANUFACTURE (SEPT 2006)

(a) *Definitions.* As used in this clause—

“Manufactured end product” means any end product in Federal Supply Classes (FSC) 1000-9999, except—

- (1) FSC 5510, Lumber and Related Basic Wood Materials;
- (2) Federal Supply Group (FSG) 87, Agricultural Supplies;
- (3) FSG 88, Live Animals;
- (4) FSG 89, Food and Related Consumables;
- (5) FSC 9410, Crude Grades of Plant Materials;
- (6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) FSC 9610, Ores;
- (9) FSC 9620, Minerals, Natural and Synthetic; and
- (10) FSC 9630, Additive Metal Materials.

“Place of manufacture” means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

(b) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly—

(1) ☐ In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or

(2) ☐ Outside the United States.

(End of provision)

L.4 AUTHORIZED CONTRACTOR ADMINISTRATOR

If the offeror does not fill-in the blanks below, the official who signed the offer will be deemed to be the offeror's representative for Contract Administration, which includes all matters pertaining to payments.

Name:
Telephone Number:
Address:

[Proposal Note: If the bidder/offeror has indicated “yes” in blocks (a)(1), (2), or (3) of the following provision, the bidder/offeror shall include Defense Base Act insurance costs covering those employees in their proposed prices. The bidder/offeror may obtain DBA insurance directly from any Department of Labor approved providers at the DOL website at <http://www.dol.gov/owcp/dlhwc/lscarrier.htm>.]

L.5 652.228-70 DEFENSE BASE ACT – COVERED CONTRACTOR EMPLOYEES (JUN 2006)

(a) Bidders/offerors shall indicate below whether or not any of the following categories of employees will be employed on the resultant contract, and, if so, the number of such employees:

<u>Category</u>	<u>Yes/No</u>	<u>Number</u>
(1) United States citizens or residents		
(2) Individuals hired in the United States, regardless of citizenship		

(3) Local nationals or third country nationals where contract performance takes place in a country where there are no local workers' compensation laws		local nationals:	
		third-country nationals:	
(4) Local nationals or third country nationals where contract performance takes place in a country where there are local workers' compensation laws		local nationals:	
		third-country nationals:	

(b) The Contracting Officer has determined that for performance in the country of **Malawi** –

☒ Workers' compensation laws exist that will cover local nationals and third country nationals.

☐ Workers' compensation laws do not exist that will cover local nationals and third country nationals.

(c) If the bidder/offeror has indicated "yes" in block (a)(4) of this provision, the bidder/offeror shall not purchase Defense Base Act insurance for those employees. However, the bidder/offeror shall assume liability toward the employees and their beneficiaries for war-hazard injury, death, capture, or detention, in accordance with the clause at FAR 52.228-4.

ATTACHMENT #1 - UNITED STATES DEPARTMENT OF STATE
BREAKDOWN OF PRICE BY DIVISIONS OF SPECIFICATIONS

(1) DIVISION/DESCRIPTION (2) LABOR (3) MATERIALS (4) OVERHEAD
(5) PROFIT (6) TOTAL

1. General Requirements
2. Site Work

3. Concrete
4. Masonry

5. Metals
6. Wood and Plastic

7. Thermal and Moisture
8. Doors and Windows

9. Finishes
10. Specialties

11. Equipment
12. Furnishings

13. Special Construction
14. Conveying Systems

15. Mechanical
16. Electrical

TOTAL: _____

[Note to Contracting Officer: identify currency]

Allowance Items:

PROPOSAL PRICE: _____

TOTAL: **[Note to Contracting Officer: identify currency]**

Alternates (list separately; do not total):

Offeror: _____ **Date** _____

PRICE BREAKDOWN BY DIVISION OF SPECIFICATION ITEMS

ATTACHMENT #2 – DRAWINGS

Attached Separately

ATTACHMENT #3 – SPECIFICATIONS

PRELIMINARIES

These Preliminaries shall be priced in full with amounts against the individual items or parts of items for which payment is required. Items or parts of items against which no price is entered shall be deemed to be covered by the other prices entered elsewhere by the contractor.

GENERAL

Shoring, needling, strutting etc.

- A Allow for supplying and erecting all additional necessary shoring, needling, strutting etc that may be required to ensure the stability of the buildings with suitable and substantial timber and other necessary materials and taking down and removing when directed

Temporary screens

- B Allow for supplying and erecting any additional temporary tarpaulins, dust or weatherproof screens and barriers that may be necessary throughout the progress of the works and taking down and removing when directed

Watering to prevent dust nuisance

- C Allow for watering the works from time to time as necessary to prevent any nuisance from dust

Measuring note

Generally all items to be removed are fixed to brick/concrete work and rates shall include for making good to surrounding finishes whether specifically mentioned or not

DEMOLITIONS

Carefully take down and/or remove, dismantle into sections as required and hand to Employer on site the following

- D Timber single door and steel frame 900 x 2100mm high complete and including ironmongery
- E Timber doors for electrical board 1228 x 2800mm for electrical board

F Demolish and dismantle timber enclosures for electrical and fire extinguisher including re-routing plumbing services

G Venetian blinds fixed to windows 1200 x 1850mm high and hand over to the client

DEMOLITION WORKS (ALL PROVISIONAL)

Carefully demolish and remove debris from site

A Flower bed in reinforced concrete 2300x600x700mm high carefully take down and/or demolish and remove debris from site the following

B Half brick wall

C Timber stud partition

Take down T& G wall cladding, Make good floor and wall surfaces

D Make good plaster on walls including painting after demolishing walls

E Make good plaster on soffit of slab including painting after demolishing walls Hack up and remove debris from site the following

F Carefully remove carpet with skirting and handover to the client and make good surface to receive new carpet

G Hack up and remove ceramic floor tiles and prepare surface to receive carpet tiles

DEMOLITION WORKS (ALL PROVISIONAL)

ELECTRICAL & MECHANICAL SERVICES

The following Electrical and mechanical reticulation will need to be repositioned, relocated and changed due to demolishing of the of the affected walls

Room 201

A Remove the existing trunking with its accessories

B Remove and relocate air indoor air conditioning unit

- C Remove 3 gang 2 way switches
- D Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 202
- E Remove the existing trunking with its accessories
- F Remove and relocate air indoor air conditioning unit
- G Remove 2 gang 2 way switch
- H Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 203
- I Remove 300 x 300 blanking plate
- J Remove the existing trunking with its accessories
- K Remove and relocate air indoor air conditioning unit
- L Remove 13A twin socket outlet
- M Remove 13A single sockets on the existing trunking
- N Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 205
- O Remove and relocate the 2 gang 2 way switch
- P Remove the existing trunking with its accessories
- Q Reposition an air indoor air conditioning unit
- R Remove 13A twin socket outlet

DEMOLITION WORKS (ALL PROVISIONAL)

- A Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 206
- B Remove and relocate the 2 gang 1 way switch
- C Remove the existing trunking with its accessories

- D Reposition an air indoor air conditioning unit
- E Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 207
- F Remove and relocate the 1 gang 1 way switch
- G Remove the existing trunking with its accessories
- H Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 208
- I Reposition an air indoor air conditioning unit
- J Reposition fire control panel in Corridor
- K Reposition pilot / indicator lamp and manual call point (Corridor)
- L Remove the existing trunking with its accessories
- M Remove and relocate the 2 gang 2 way switches
- N Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 209
- O Reposition an air indoor air conditioning unit
- P Reposition a dimmer switch
- Q Remove spot lights
- R Remove and reposition the sub distribution board

DEMOLITION WORKS (ALL PROVISIONAL)

- A Remove the existing trucking including its accessories
- B Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 210 (Existing Server room)
- C Remove and disconnect an indoor air conditioning unit
- D Remove the existing trunking

- E Remove 13A twin socket flush wall
- F Disconnect and relocate the UPS
- G Remove UPS 1 Isolator by pass
- H Remove UPS 2 Isolator by pass
- I Remove UPS 1 and UPS 2 power supply
- J Remove server room sub distribution board (Non-essential)
- K Remove UPS distribution board
- L Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- M Deactivate and relocate the FM-200 Fire suppression system comprising of:
FM200 storage cylinder, Discharge nozzle, Multi-detector, Control panel
Manual breakable glass and alarm
- Room 211
- O Remove and relocate an air indoor air conditioning unit
- P Remove and relocate 1 gang 1 way switch
- Q Remove the existing trunking with its accessories
- R Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 212
- S Disconnect and remove an air indoor air conditioning unit

DEMOLITION WORKS (ALL PROVISIONAL)

- A Remove and relocate 2 gang 2 way switches
- B Remove the existing trunking with its accessories
- C Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 213

- D Remove and relocate the Rack
- E Reposition the 2 gang 2 way lighting switch
- F Remove the existing trunking with its accessories
- G Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 214 (Reception)
- H Remove the existing trunking with its accessories
- I Remove and relocate an air indoor air conditioning unit
- J Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 216
- K Remove the existing trunking with its accessories
- L Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 217 (Conference room)
- M Remove the existing trunking with its accessories
- N Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Room 204
- O Remove the existing trunking with its accessories
- P Remove 2 x 36W T8, 1200mm x 300mm surface mounted modular fitting
- Q Remove 1 gang 1 way switch

DEMOLITION WORKS (ALL PROVISIONAL)

Server room

- A Construct timber stud partition for temporary server room in the existing room 202 length of partition 5300mm and height 2800mm (all as per attached drawing)

NOTE

Bidders are requested and instructed to visit the site and acquaint themselves with the demolition scope of works. No excuse shall be given for improper pricing of the required works. Bidders should price the bills of quantities in conjunction with the architectural drawings provided and

information as seen on site. If an item has not been included in the bills of quantities, bidders should include them in their price. Failure to do so their price shall deem to have included all item required as per drawings and "as is basis site conditions". This is applicable to ONLY the demolition works . Site visit can be arranged with the Architect.

DEMOLITION WORKS (ALL PROVISIONAL)

ELEMENT 1: WALLS

BLOCKWORK

Hollow precast cement and sand blocks, filled solid with concrete (Grade 15/20) in cement mortar (1:4)

- A 200mm Thick block wall in stretcher bond and reinforced with one layer of "brickforce" reinforcement every third course

Damp proof course

- B 3 Ply malthoid damp proof course, over 200mm wide, laid under blockwork

- C Bonding to end of one brick walls into existing brick wall or concrete surfaces including forming pockets in new work, and cutting pockets in existing block wall and all material necessary and make good

ELEMENT 2: WINDOWS AND DOORS

Lintels

- A 200 x 200 mm reinforced with and including steel reinforcement of 120kg per m3 of various sizes and associated formwork

Doors

- B 500 x 2800mm high "shawl" steel door leaf for electrical closet

- C 820 x 2040mm flush door fire rated 1 hour

METAL WORK

Aluminium products as supplied by Aluminium Systems Ltd; or equal and approved by the Architect.

NOTE: Refer to Door and window schedule drawings when pricing

WINDOWS

Epoxy Powder coated aluminum shop front with 6mm thick laminated safety glass
Apply continuous layer of mylar film 1650mm above floor level. Price shall include glazing

- D Type W 1; 3320 x 2800mm high
- E Type W 2; 2660 x 2800 mm high
- F Type W 2a; 2660 x 2800 mm high
- G Type WD1; 4030 x 2800mm high
- H Type WD2; 5175 x 2800mm high
- I Type WD3; 2350 x 2800mm high
- J Type WD4; 2665 x 2800mm high

ELEMENT 2: WINDOWS AND DOORS

ALUMINIUM DOORS

- A Type D1; 900 x 2800mm including frame; associated ironmongery and 6mm thick safety glass

METAL WORK

Door-frames; 1.2mm pressed mild steel; non standard as manufactured by LASEC Ltd; or qual and approved; primed before delivery.

- B 1000 x 2800mm steel metal door frame for double door 1.2mm thick to suite one brickwall (D2)1hour fire rated
- C 900 x 2100mm steel metal door frame for single door 1.2mm thick to suite half brick wall (D3)

PAINTING AND DECORATING

{ As supplied by Plascon; Dulux; Prominent and or equal and approved by the architect }

**TOUCH-UP PRIMER; ONE UNDERCOAT;
TWO COATS OIL BASED PAINT FULL
GLOSS FINISH**

Primed metal surfaces

D Frames; 0 to 300mm girth

E Ditto on doors

Prepare, knot, stop, prime and apply one undercoat and two finishing coats of full gloss enamel on

F Timber flushes panel doors
ONE PRIMER AND THREE FINISHING COATS MATT VARNISH ON WOOD SURFACES

G window boards; Over 300mm girth

ELEMENT 2: WINDOWS AND DOORS

IRONMONGERY

A "Union AL 681 -13AS" 2295 - 76 PL " 2 lever mortice lock

B "Union AL 681 -13AS" 2295 - 76 PL " 3 lever mortice lock

C "Union Double Cylinder lock 17mm adjustable roller and swing bolt

D "Union 8524" Single action floor spring with SS cover plate and,adjustable shoe. Include for setting base in floor screed

E Transom concealed door closer

F Floor mounted aluminium oval door stop 32mm H, 44mm diameter with black rubber shock absorber plugged

VERTICAL BLINDS

G Supply and fix new vertical blinds to the existing windows 1200 X 1850mm as Supplied by Dally Creations.

ELEMENT 3: WALL FINISHES

IN-SITU FINISHES

Plaster; cement lime putty and sand (1:1:6)

Steel trowelled; internal 15mm work to walls; to brickwork/concrete base

- A Over 300mm wide to receive paint on existing wall
- B Over 300mm wide to receive paint on new walls

PAINTING AND DECORATING

{ As supplied by Plascon; Dulux; Prominent and or equal and approved by the architect }

ONE COAT PLASTER PRIMER; TWO COATS INTERIOR QUALITY WASH 'N' WEAR PAINT

- C Cement rendered existing walls
- D Cement rendered new surfaces

ONE COAT UNDERCOAT; TWO COATS INTERIOR QUALITY WASH 'N' WEAR PAINT

- E Wash down, prepare and apply one coat undercoat and two coats was 'n' wear silk paint to existing previously painted plastered surfaces

ELEMENT 4: FLOOR FINISHES

Hardwood Timber

- A Skirting; 25 x 100mm;

IN-SITU FINISHES

Plaster, cement and sand (1:3); steel ;troweled

- B 25mm work average to floors; horizontal; to concrete base to receive tiles internally

- C ditto to receive carpet internally

TILE SLAB OR BLOCK FINISHES

10 x 300 x 300mm porcelain tiles or other equal and approved laid on screed to an approved pattern and fixed with an approved adhesive

- D To floors; 300 x 300 x 8mm thick - internally

CARPET

Supply and fix carpet tiles with 100% nylon fibre content and fire retardant fixed with approved adhesive

- E 3 x 30mm flat section brass dividing strip between different floor finishes

PAINTING AND DECORATING

Wash down; clean and apply; Two coats wax polish

- F Tiled surfaces

THREE COATS EGGSHELL VARNISH

Skirting; hardwood

- G Not exceeding 100mm girth

ELEMENT 5: CEILING FINISHES

PAINTING AND DECORATING

Prepare and apply one water thinned coat and two coats of internal quality PVA on

- A Soffit of plastered slab

ELEMENT 6: ELECTRICAL WORKS

A Supply and install the following:

1No. 250Amp MCCB
250A TPN Cu Busbar
1No. 250Amp MCCB
1No. 200A TPN MCCB
2No. 100A TPN MCCB
250A TPN Cu Busbar
200A TPN Cu Busbar

DISTRIBUTION BOARDS

The distribution boards shall be manufactured by C & S Electric WinTrip or WINclass equal approved by supervising Engineer

Distribution Board 1 - DB/L

B 8 ways three phase distribution board complete with the following accessories:

1No. 63 Amps RCCB 300mA
8No. 10 Amp single phase MCB's
16No. Blank plate

Busbars
Masking plates
Earth terminals
Interconnecting wiring
Labels
Circuit charts

EARTHING

C supply and Install earth electrode and Allow to provide an earthing system with accordance with specifications and best trade practice including for all conduitS and all wiring

Distribution Board 2 - DB/P

D 8 ways three phase distribution board complete with the following accessories:

1No. 100 Amps RCCB 300mA
13No. 30 Amp single phase MCB's
11No. Blank plate

Busbars
Masking plates

Earth terminals
Interconnecting wiring
Labels
Circuit charts

ELEMENT 6: ELECTRICAL WORKS

EARTHING

- A supply and Install earth electrode and Allow to provide an earthing system with accordance with specifications and best trade practice including for all conduitS and all wiring

Distribution Board 3 - DB/UPS1

- B 4 ways Three Phase Distribution board complete with the following accessories:

1No. 63 Amp TP & N RCCB 100mA
5No. 30 Amp Single phase MCB's
7No. Blank plate
Busbars
Masking plates
Earth terminals
Interconnecting wiring
Labels
Circuit charts

EARTHING

- C supply and Install earth electrode and Allow to provide an earthing system with accordance with specifications and best trade practice including for all conduitS and all wiring

Distribution Board 3 - DB/UPS2

- D 4 Ways Three Phase Distribution board complete with the following accessories:

1No. 63 Amp TP & N RCCB 100mA
4No. 30 Amp single phase MCB's
8No. Blank plate
Busbars
Masking plates
Earth terminals
Interconnecting wiring
Labels
Circuit charts

EARTHING

D supply and Install earth electrode and Allow to provide an earthing system with accordance with specifications and best trade practice including for all conduits and all wiring

ELEMENT 6: ELECTRICAL WORKS

Distribution Board 4 - DB1/AC

A 6 ways three phase distribution board complete with the following accessories:

1No. 100 Amps MCCB
1No. 80 Amps RCCB 100mA
11No. 20Amp single phase MCB's
7No. Blank plate
Busbars
Masking plates
Earth terminals
Interconnecting wiring
Labels
Circuit charts

EARTHING

B supply and Install earth electrode and Allow to provide an earthing system with accordance with specifications and best trade practice including for all conduits and all wiring

Distribution Board 5 - DB2/AC

C 6 ways three phase distribution board complete with the following accessories:

1No. 100 Amps MCCB
1No. 80 Amps RCCB 100mA
6No. 20Amp single phase MCB's
12No. Blank plate
Busbars
Masking plates
Earth terminals
Interconnecting wiring
Labels
Circuit charts

EARTHING

D Supply and Install earth electrode and Allow to provide an earthing system with accordance with specifications and best trade practice including for all conduits and all wiring

ELEMENT 6: ELECTRICAL WORKS

Distribution Board 6 - DB/SER

- A 4 ways three phase distribution board complete with the following accessories:

Incomer: 1no x 200 A TPN MCCB

Outgoing: 2no x integral distribution board

1no x 150 A TPN MCCB

1no x 60 A SPN MCCB

Distribution Board 6 - DB/SER/NON-ESS

- B 6ways 3 phase Distribution Board-DB/SER/NON-ESS (integral in DB/SER) complete with:

1no x 100 A TPN RCCB with 300mA sensitivity

2no x 20A MCB

2no x 60A T/P MCB

10 No. Blank plates

Surge protection on RYBN + E

Blanks covers and labelling

Busbars

Masking plates

Earth terminals

Interconnecting wiring

Circuit charts

EARTHING

- C supply and Install earth electrode and Allow to provide an earthing system with accordance with specifications and best trade practice including for all conduitS and all wiring

Distribution Board 7 - DB/SER/ESS

- D 6ways 3 phase Distribution Board-DB/SER/NON-ESS (integral in DB/SER) complete with:

1no x 60 A SPN RCB with 100mA sensitivity

4no x 30A MCB

6 No. Blank plates

Surge protection on RYBN + E

Blanks covers and labelling

Busbars

Masking plates

Earth terminals

Interconnecting wiring

Circuit charts

EARTHING

- E Supply and Install earth electrode and Allow to provide an earthing system with accordance with specifications and best trade practice including for all conduits and all wiring
- CABLES**
- F Supply and install 16 sq mm 4 Core copper Armored
- G Supply and install 25 sq mm 4 Core copper Armored

ELEMENT 6: ELECTRICAL WORKS

LIGHTING

The work shall include rewiring, fixing light fittings, and lighting switches

- Circuit DB/L-R1**
- A 2 lighting points to a switch (Room 217, Corridor)
- B 1 lighting point to a switch (Storage)
- Circuit DB/L-Y1**
- C 2 lighting points to a switch (Director 201, and Deputy Director 203)
- D 3 lighting points to a switch (Staircase 2)
- Circuit DB/L-B1**
- E 6 lighting points to a switch (Reception and Open office)
- Circuit DB/L-R2**
- F 6 lighting points to a switch (Open office)
- G 1 lighting point to a switch (Meeting room)
- Circuit DB/L-Y2**
- H 5 lighting points to a switch (Open office)
- I 1 lighting point to a switch (Meeting room)
- Circuit DB/L-B2**
- J 5 lighting points to a switch (Corridor)
- K 3 lighting points to a switch (Staircase)
- Circuit DB/L-R3**

L 2 lighting points to a switch (Deputy Director 212, Branch Chief 214, and Branch Chief 216)

Circuit DB/L-Y3

M 2 lighting points to a switch (Team lead 218, Team lead 220, and Team lead 222)

ELEMENT 6: ELECTRICAL WORKS

Distribution Board - DB/P

DB/P-R1 (2.5 sq mm)

A Ring circuit to 13A twin socket outlets (Deputy Director 212, Branch Chief 214, and Branch Chief 216)

DB/P-Y1 (2.5 sq mm)

B Ring circuit to 13A twin socket outlets (Team lead 218, Team lead 220, and Team lead 222)

DB/P-B1 (2.5 sq mm)

C Ring circuit to 13A twin socket outlets (Open office 224, and Meeting room 226)

DB/P-R2 (2.5 sq mm)

D Ring circuit to 13A twin socket outlets (Open office and meeting room 221)

DB/P-Y2 (2.5 sq mm)

E Ring circuit to 13A twin socket outlets (Open office)

DB/P-B2 (2.5 sq mm)

F Ring circuit to 13A twin socket outlets (Director 201, Deputy Director 203, and Reception)

DB/P-R3 (2.5 sq mm)

G Ring circuit to 13A twin socket outlets (Room 217, Corridor)

DB/P-Y3 (2.5 sq mm)

H Radial circuit to 15A switched single pole socket (Deputy Director 212, Branch chief 214, and Branch Chief 216)

DB/P-B3 (2.5 sq mm)

I Radial circuit to 15A switched single pole socket (Team lead 218, Team lead 220, and Team lead 222)

DB/P-R4 (2.5 sq mm)

J Radial circuit to 15A switched single pole socket (Open office 224, and meeting room 226)

- K DB/P-Y4 (2.5 sq mm)
Radial circuit to 15A switched single pole socket (Open Space and meeting room 221)
- L DB/P-B4 (2.5 sq mm)
Radial circuit to 15A switched single pole socket (Director 201, Deputy Director 203, and Reception)

ELEMENT 6: ELECTRICAL WORKS

- A DB/P-B4 (2.5 sq mm)
Radial circuit to 15A switched single pole socket (Room 217, and Corridor)
- Distribution Board - DB/UPS1
- B DB/UPS1-R1 (2.5 sq mm)
Ring circuit to 13A switched 2 gang single pole multi standard socket outlet (IT Office)
- C DB/UPS1-Y1 (2.5 sq mm)
Ring circuit to 13A switched 2 gang single pole multi standard socket outlet (Deputy Director 212, Branch Chief 214, Branch Chief 216, and Team lead 218)
- D DB/UPS1-B1 (2.5 sq mm)
Ring circuit to 13A switched 2 gang single pole multi standard socket outlet (Team lead 220, Team lead 222, and Open office 224)
- E DB/UPS1-R2 (2.5 sq mm)
Ring circuit to 13A switched 2 gang single pole multi standard socket outlet (Open office 224, and meeting room)
- F DB/UPS1-Y2 (2.5 sq mm)
Ring circuit to 13A switched 2 gang single pole multi standard socket outlet (Room 217)

ELEMENT 6: ELECTRICAL WORKS

- Distribution Board - DB/UPS2
- A DB/UPS2-R1 (2.5 sq mm)
Ring circuit to 13A switched 2 gang single pole multi standard socket outlet (Director 201, and Deputy Director 203)
- DB/UPS2-Y1 (2.5 sq mm)

B Ring circuit to 13A switched 2 gang single pole multi standard socket outlet (Reception, and Open office)

DB/UPS2-B1 (2.5 sq mm)

C Ring circuit to 13A switched 2 gang single pole multi standard socket outlet (Open office)

DB/UPS2-R2 (2.5 sq mm)

D Ring circuit to 13A switched 2 gang single pole multi standard socket outlet (Open office, and Meeting room)

Distribution Board - DB/SER/ESS

DB/SER/ESS-Y2 (2.5 sq mm)

E Ring circuit to 13A twin socket outlet (Server room)

DB/SER/ESS-B2 (2.5 sq mm)

F Ring circuit to 13A switched 2 gang single pole multi standard socket outlet (Server room)

DB/SER/ESS-R3 (2.5 sq mm)

G Radial circuit to 15A switched single pole sockets (Server room)

DB/SER/ESS-Y3 (2.5 sq mm)

H Radial circuit to Fire control panel

ELEMENT 6: ELECTRICAL WORKS

Distribution Board - DB/SER/NON-ESS

DB/SER/NON-RYB1 (16.0 sq mm)

A Radial circuit 60A TP Isolator for UPS 1 (Server room)

DB/SER/NON-RYB2 (16.0 sq mm)

B Radial circuit 60A TP Isolator for UPS 2 (Server room)

DB/SER/NON-R3 (1.5 sq mm)

C 3 lighting points to a switch (IT Office)

D 2 lighting points to a switch (Server room)

DB/SER/NON-Y3 (4.0 sq mm)

E Radial circuit to an air conditioning unit (Server room)

DB/SER/NON-B3 (4.0 sq mm)

- F Radial circuit to an air conditioning unit (Server room)
DB/SER/NON-R4 (4.0 sq mm)
- G Radial circuit to an air conditioning unit (IT Office)
DB/SER/NON-Y4 (2.5 sq mm)
- H Ring circuit to 13A twin socket outlets (IT Office)
DB/SER/NON-B4 (2.5 sq mm)
- I Ring circuit to 13A twin socket outlets (Server room)
DB/SER/NON-R5 (2.5 sq mm)
- J Radial circuit to 15A switched single pole socket (IT Office)
DB/SER/NON-Y5 (2.5 sq mm)
- K Radial circuit to 15A switched single pole socket (Server room)

ELEMENT 6: ELECTRICAL WORKS

Distribution Board - DB1/AC

- A DB1/AC-R1 (4.0 sq mm)
Radial circuit to an air conditioner (Deputy Director 212)
- B DB1/AC-Y1 (4.0 sq mm)
Radial circuit to an air conditioner (Branch Chief 214)
- C DB1/AC-B1 (4.0 sq mm)
Radial circuit to an air conditioner (Branch Chief 216)
- D DB1/AC-R2 (4.0 sq mm)
Radial circuit to an air conditioner (Team lead 218)
- E DB1/AC-Y2 (4.0 sq mm)
Radial circuit to an air conditioner (Team lead 220)
- F DB1/AC-B2 (4.0 sq mm)
Radial circuit to an air conditioner (Team lead 222)
- G DB1/AC-R3 (4.0 sq mm)
Radial circuit to an air conditioner (Open office 224)
- H DB1/AC-Y3 (4.0 sq mm)
Radial circuit to an air conditioner (Meeting room)

I DB1/AC-B3 (4.0 sq mm)
Radial circuit to an air conditioner (Meeting room 221)

J DB1/AC-R4 (4.0 sq mm)
Radial circuit to an air conditioner (Open office)

K DB1/AC-Y4 (4.0 sq mm)
Radial circuit to an air conditioner (Open office)

Distribution Board - DB2/AC

L DB2/AC-R1 (4.0 sq mm)
Radial circuit to an air conditioner (Room 217)

M DB2/AC-Y1 (4.0 sq mm)
Radial circuit to an air conditioner (Room next to room 217)

N DB2/AC-B1 (4.0 sq mm)
Radial circuit to an air conditioner (Director 201)

O DB2/AC-R2 (4.0 sq mm)
Radial circuit to an air conditioner (Deputy Director 203)

ELEMENT 6: ELECTRICAL WORKS

A DB2/AC-Y2 (4.0 sq mm)
Radial circuit to an air conditioner (Reception)

B DB2/AC-B2 (4.0 sq mm)
Radial circuit to an air conditioner (Open office)

Lighting Fittings

C Supply and install surface mounted 600 X 600, 45W, 4000K, 3000lm cool white LED panel

D Supply and install surface mounted 600 X 600, 45W, 4000K, 3000lm cool white LED panel with 3 hours integrated emergency

E Supply and install 1 x 16W, 2D Circular decorative bulkhead as per Tam-lite 'MONARCH MON 16' complete with 2D lamp (Staircase 1 and 2)

F Supply and install 1 x 8W T5, maintained emergency exit box complete with standard running man down arrow legend as per Tam-lite 'EXITBOX EB8M3' or equally approved.

Switches

- G Supply and install 1 gang 2 way switch as MK or equal approved
- H Supply and install 2 gang 2 way switch as MK or equal approved
- I Supply and install 20A double pole switch with neon indicator for controlling air conditioner as MK, Crab tree or equal approved
- J Supply and install emergency stop push button
- K Supply and install 240V, TP-D80 Contactor

ELEMENT 6: ELECTRICAL WORKS

- A Supply and install Automatic Voltage Switch AC Guard 20A stabilizer as SOLLATEK or equal approved with the following parameters:
 - An intergral circuit breaker
 - Under/over-Voltage Disconnect - 185V/260V
 - Under/over-Voltage Reconnect - 190V/258V
 - Spike Protection - 160J
 - Wait Time - 4 minutes

Power Outlets

- B Supply and install 13A switched 2 gang single pole multi standard socket outlet as LEGRAND Belanko Cat. Nos 6170 67 or equal approved
- C Supply and install 13A switched twin flush socket outlets as MK model K2747WHI or equal approved
- D Supply and install 15A switched 1 gang single pole socket outlet as BG Nexus or equal approved
- E Supply and install 63A TP Isolator as MEM

Data and Telephone out lets

- F Supply and install RJ45 cat 6 data socket outlets
- G Supply and fix RJ11 telephone outlet sockets

PVC TRUNKING

- H Supply and fix 3 compartment, 50mm x 195mm skirting DLP trucking as LEGRAND including will all necessary accessories
- I Supply and install 300 x 600 Service Duct in the Under Ceiling including its accessories

ELEMENT 6: ELECTRICAL WORKS

AIR CONDITIONING

- A Supply, install, test and commission 12000 BTU High wall mounted multi-split air conditioners as YORK or equal approved with the following specifications:

Indoor Unit Model: YORK Model YWHJXH012BAR1-FX
 Outdoor Unit Model: YORK Model YWHJYH012BAR1AKX
 Capacity Kw: Cooling: 3.5
 Heating: 4.0
 Compressor Type: Rotary
 Refrigerant: R410A type
 Refrigerant charge: 1300
 Power supply (Volts/phase/freq): 230/1/50 + E
 Electric power input Kw: Cooling - 0.90
 Heating - 1.00
 Indoor air floor m3/h: 750
 Sound pressure at 1m: Indoor (LMH) dB (A): 26/30/36
 Outdoor dB (A): 54
 Dimensions (H x Wx D) (mm): Indoor: 292 x 866 x 209
 Outdoor: 596 x 899 x 378
 Weight (Kg): Indoor unit = 11
 Outdoor unit = 43

ELEMENT 6: ELECTRICAL WORKS

- A Supply, install, test and commission 18000 BTU High wall mounted multi-split air conditioners as YORK or equal approved with the following specifications:

Indoor Unit Model: YORK Model YWHJXH018BAR1-FX
 Outdoor Unit Model: YORK Model YWHJYH018BAR1AKX
 Capacity Kw: Cooling: 5.3
 Heating: 5.4
 Compressor Type: Rotary
 Refrigerant: R410A type
 Refrigerant charge: 1 600

Power supply (Volts/phase/freq): 230/1/50 + E

Electric Power input Kw: Cooling = 1.51

Heating = 1.45

Indoor air flow m³/h: 950

Sound pressure at 1m: Indoor (LMH) dB(A): 34/38 /44

Outdoor dB (A): 56

Dimensions (H x W x D)(mm) : Indoor: 319 x 1018 x 230

Outdoor: 700 x 955 x 396

Weight (Kg): Indoor unit = 14

Outdoor unit = 47.5

ARTIC STOCK

- B Supply and install surface mounted 600 X 600, 45W, 4000K, 3000lm cool white LED panel
- C Supply and install surface mounted 600 X 600, 45W, 4000K, 3000lm cool white LED panel with 3 hours integrated emergency